		Application Number	09/767,597	
TRANSMITTAL		Filing Dat	January 22, 2001	
FORM		First Named Inventor	Timothy J. JEGLA	
be used for all correspondence after	initial filing)	Group Art Unit	1646	
		Examiner Name	Olga N. Chernyshev	
tal Number of Pages in This Submission	n 5	Attorney Docket Number	018512-002211US	
	ENCL	OSURES (check all that apply)		
Fee Transmittal Form		ment Papers Application)	After Allowance Communication to Group	
Fee Attached	☐ Drawin	g(s)	Appeal Communication to Board of Appeals and Interferences	
Amendment / Response	Licens	ing-related Papers	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)	
After Final		n Routing Slip (PTO/SB/69) ccompanying Petition	Proprietary Information	
Affidavits/declaration(s)		n to Convert to a ional Application	Status Letter	
Extension of Time Request		of Attorney, Revocation e of Correspondence Address	Other Enclosure(s) (please identify below):	
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SIGN	ATURE OF	APPLICANT, ATTORNEY, C	RAGENT TECH CENTE	
Firm Townsend and Townsend and Crew LLP and Individual name Annette S. Parent Reg. No. 42,058				
Signature Charles I Signature				
Date January 14, 2003	3	· · · · · · · · · · · · · · · · · · ·		
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SF 1422507 v1

Signature

Date

January 14, 2003

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TOWNSEND and TOWNSEND and CREW LLP

By: Monda

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#10.3 216/33

In re application of:

Timothy J. JEGLA

Application No.: 09/767,597

Filed: January 22, 2001

For: HUMAN HAC3

Examiner: Chernyshev, Olga

Art Unit: 1646

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37

CFR §1.97 and §1.98

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

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TECH CENTER 1600/2900

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references can be found in Application No. 09/548,933, filed April 13, 2000 (Attorney Docket No. 018512-002210US).. Applicant brings to the Examiner's attention references SANTORO et al. *PNAS USA* 94, 1997 and SANTORO et al. *Cell* 93, 1998, listed on the attached European Search Report. These references were previously submitted in an Information Disclosure Statement in the instant application and are therefore, not being submitted herewith.

Also enclosed is a copy of the Search/Examination report corresponding to the European application mailed on November 15, 2002.

Timothy J. JEGLA

Application No.: 09/767,597

Page 2

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It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

This IDS is being filed before the mailing date of the final Office Action or Notice of Allowance.

CERTIFICATION

I hereby certify that each item of information contained in this Information

Disclosure Statement was first cited in any communication from a foreign patent office in a

counterpart foreign application not more than three months prior to the filing of this statement.

Applicant believes that <u>no fee is required</u> for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted

Annette S. Parent Reg. No. 42,058

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor

San Francisco, California 94111-3834 Tel: 415-576-0200

Fax: 415-576-0300 ASP:ajg

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PTO/SB/08B (10-01)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known **Application Number** 09/767,597 January 22, 2001 **Filing Date First Named Inventor** Timothy J. JEGLA Art Unit 1646 Chernyshev, Olga **Examiner Name**

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of 2 Attorney Docket Number 018512-002211US Sheet

U.S. PATENT DOCUMENTS					
		Document Number		Name of Batastas as	Proce Columns Lines Mines
Examiner	Cite No. ¹	Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS								
Examiner	Cite		Foreign Patent Docume	ent	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Initials*	No.¹	Country Code ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	T ⁶
	1	PCT	WO 00/29448	A2, A3	05-25-2000			

OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No.1				
	2	EMBL Online, Database Accession No. Al571225, visited on October 29, 2002.	e		
-	3	FRINGS, S. et al. "Characterization of ether-à-go-go channels present in photoreceptors reveals similarity to I _{Kx} , a K ⁺ current in rod inner segments," <i>J. Gen. Physiol.</i> April 1998, pp. 583-599, Vol. 131			
	4	GENESEQ Online, Database Accession No. AAA6205 February 2, 2001 (Acquired from Derwent).			
	5	GENESEQ Online, Database Accession No. AAB12147, visited on November 4, 2002.			
	6	JEGLA, T. et al. "Cloning and expression of a novel hyperpolerization-activated cation channel, human HCN3," <i>Society for neuroscience Abstracts, 29th Annual Meeting; Miami Beach, Florida, USA</i> October 23-28, 1999, pg. 1, Abstract No. 893.6.			
	7	LUDWIG, A. et al. "Two pacemaker channels from human heart with profoundly different activation kinetics," <i>EMBO J.</i> May 4, 1999, pp. 2323-2329, Vol. 18, No. 9.			
	8	SANTORO, B. and TIBBS, G.R. "The HCN gene family: molecular basis of the hyperpolerization-activated pacemaker channels," <i>Annals of the New York Academy of Sciences</i> April 30, 1999, pp. 741-764, Vol. 868.			

Examiner	Date	
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¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO Complete if Known **Application Number** 09/767,597 INFORMATION DISCLOSURE **Filing Date** January 22, 2001 STATEMENT BY APPLICANT Timothy J. JEGLA First Named Inventor 1646 Art Unit (use as many sheets as necessary) **Examiner Name** Chernyshev, Olga Attorney Docket Number 018512-002211US Sheet of

OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²		
	9	SWALL Online, Database Accession No. 018965, visited on October 29, 2002.			

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